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**REMARKS**

Claims 1-17 are in the application as filed. The Examiner has restricted the invention to Claims 1-11. Claims 12-17 are withdrawn from consideration. Claims 1-11 have been amended herein.

**REJECTIONS UNDER 35 USC § 112****35 USC § 112 (1)**

Pending claims 1 and 5-11 are rejected under this provision. The examiner asserted that while the specification enables the copolymer having polymerizable or crosslinkable groups, it does not reasonably provide enablement for the recited copolymer. Applicants have amended claims 1 and 5-11 and respectfully assert that the amended claims are enabled.

**35 USC § 112 (2)**

Claims 1, 3, 4, and 6-9 are rejected under this provision, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Each of these claims has been amended and applicants respectfully assert that the amended claims particularly point out and distinctly claim the subject matter which applicant regards as the invention.

**REJECTION UNDER 35 USC § 102(b) or in the alternative 35 USC § 103(a)**

Claims 1, 5, 7, 8, and 11 are rejected as anticipated by or alternatively as obvious over JP 0312551. The Action asserts that JP 0312551 teaches a photosensitive resin composition comprising a copolymer, carboxymethyl cellulose (thickener), initiator, ethylene glycol dimethacrylate (monomer) and water and alcohol (solvents) in abstract. Claims 1, 5, 7, 8, and 11 of the present invention have been amended. Applicants point out that JP 0312551 does not teach a photocrosslinkable polymer (as detailed in amended claim 1), rather JP 0312551 teaches a photosensitive **composition**. JP 0312551, therefore, requires a monomer in the composition to produce a UV curable composition. The polymer itself is not UV curable. Additionally, there is no indication that the composition of JP 0312551 produces a screen printable hydrogel composition. The present invention is neither anticipated nor obvious over JP 0312551, in view of the claims as amended.

**35 USC § 102(b) or in the alternative 35 USC § 103(a)**

Claims 1, 5, 7, and 11 are rejected as anticipated by or alternatively as obvious over SU 3671973. The Action asserts that SU 3671973 teaches a composition comprising carboxyl-containing cellulose ester, copolymer, photoinitiator, acetone and water in the abstract. Claims 1, 5, 7, and 11 of the present invention have been amended to clearly

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distinguish from SU 3671973. SU 3671973 does not teach the composition of newly amended claims 1, 5, 7 and 11. Applicants point out that SU 3671973 does not teach the polymer of the newly amended claims. In particular, SU 3671973 does not teach a photocrosslinkable polymer, rather it teaches a photosensitive **composition**. Additionally, there is no indication that SU 3671973 teaches a screen printable hydrogel composition. In view of the newly amended claims, applicants submit that the present invention is neither anticipated nor obvious over SU 3671973.

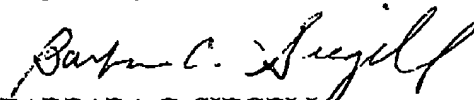
**35 USC § 103(a)**

Claims 1, 5, 7-9 and 11 are rejected as obvious over, 165 SU 3671973 in view of JP 0312551 and Park et al (US 6,777,165). In view of the newly amended claims and the arguments detailed above, applicants assert that the present invention is not obvious over SU 3671973 in view of JP 0312551 and Park et al (US 6,777,165). SU 3671973, JP 0312551 and/or Park et al do not disclose all the claimed elements of the present invention, as detailed in the newly amended claims. Each of these recited documents, taken either alone or together, do not suggest or disclose all claim elements of the present invention.

In view of the foregoing discussion and amendments presented, allowance of Claims 1-11 of the above-referenced application is respectfully requested.

If anything further is needed to advance allowance, the examiner is invited to contact applicants' attorney at the telephone number below.

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